

CASD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8857a**Specification**

CASD1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96PB1](#)**CASD1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 64921**Other Names**

CAS1 domain-containing protein 1, CASD1, C7orf12

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8857a](/products/AP8857a) was selected from the N-term region of human CASD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CASD1 Antibody (N-term) Blocking Peptide - Protein Information**Name** CASD1 ([HGNC:16014](#))**Synonyms** C7orf12**Function**

O-acetyltransferase that catalyzes 9-O-acetylation of sialic acids (PubMed:[20947662](http://www.uniprot.org/citations/20947662), PubMed:[26169044](http://www.uniprot.org/citations/26169044)). Sialic acids are sugars at the reducing end of glycoproteins and glycolipids, and are involved in various processes such as cell-cell interactions, host-pathogen recognition (PubMed:[20947662](http://www.uniprot.org/citations/20947662), PubMed:[26169044](http://www.uniprot.org/citations/26169044)).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in peripheral B lymphocytes.

CASD1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CASD1 Antibody (N-term) Blocking Peptide - Images**CASD1 Antibody (N-term) Blocking Peptide - References**

Janbon,G.,et.al., Mol. Microbiol. 42 (2), 453-467 (2001)